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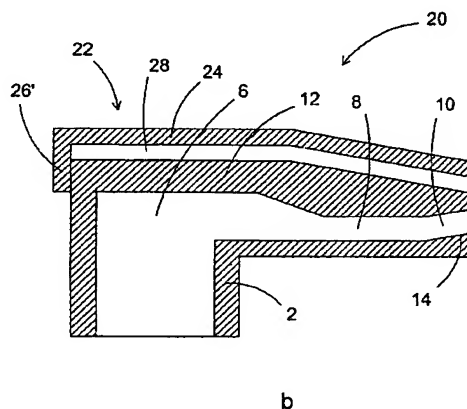
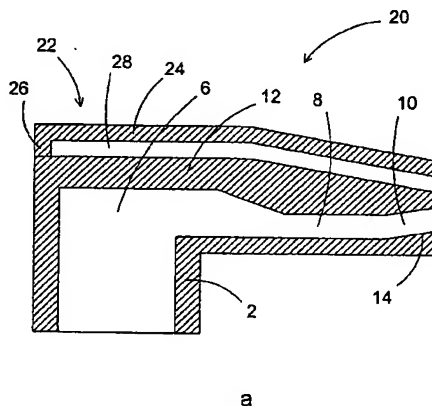
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[Continued on next page]

(54) Title: **GRID NOZZLE OF A FLUIDIZED BED REACTOR**



(57) Abstract: The present invention relates to a grid nozzle. A nozzle in accordance with the present invention is used advantageously in heat engineering to bring fluidizing gas to a furnace of a fluidized bed boiler. According to a most preferred embodiment, said nozzles are used for removing from a furnace solid particles drifted to the bottom of the furnace. It is typical to the grid nozzle in accordance with the present invention that it comprises a nozzle chamber (6) and a nozzle channel (8, 10) ending to a blow opening of the nozzle, which nozzle chamber and nozzle channel are limited from above by a lid (12) and a protecting cover (22, 32) attached outside the lid (12).



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